

Claims

1. A gas bag module for a motor vehicle steering wheel, the gas bag module comprising a gas bag (10), a gas generator (12) mounted so as to be capable of swinging, a generator carrier (16), means (18) for bracing the gas bag (10) on the generator carrier (16), and an elastically deformable, in relation to a central axis (A) of the gas bag module encircling sealing element (24), characterized in that the sealing element (24) is fastened by its free edge portions directly or indirectly to the gas generator (12) and to the generator carrier (16), respectively, and in that a middle section (26) of the sealing element (24), which is free before a filling of the gas bag (10), is deflected by the pressure occurring in the interior of the gas bag on filling of the gas bag (10), so that the middle section (26) comes directly or indirectly in abutment with a support surface (22; 28).
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2. The gas bag module according to Claim 1, characterized in that the gas generator (12) is at least partially supported in the gas bag module by the sealing element (24).
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3. The gas bag module according to Claim 1, characterized in that the sealing element (24) is constructed in the manner of a cylinder and is upset in axial direction.
4. The gas bag module according to Claim 1, characterized in that a free edge portion of the sealing element (24) is fastened to a mounting flange (20) of the gas generator (12).
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5. The gas bag module according to Claim 1, characterized in that the support surface (22; 28) is formed on a section of the generator carrier (16).
6. The gas bag module according to Claim 1, characterized in that the middle section (26) of the sealing element (24) is constructed in a wave-form and projects between the gas generator (12) and the support surface (22; 28).
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7. The gas bag module according to any of Claim 1, characterized in that the support surface is formed on an intermediate element (34) arranged on the gas generator (12).
8. A gas bag module for a motor vehicle steering wheel, the gas bag module comprising a gas bag (10), a gas generator (12) mounted so as to be capable of swinging, a generator carrier (16) and means (18) for bracing the gas bag (10) on the generator carrier (16), characterized in that the gas generator (12) is deflected by the pressure occurring in the interior of the gas bag on filling of the gas bag (10), so that the gas generator (12) is pressed against a support surface (22; 28) formed on the generator carrier (16), a sealing element (24; 32) being provided between the gas generator (12) and the support surface (22; 28).
9. The gas bag module according to Claim 8, characterized in that an encircling mounting flange (20) of the gas generator (12) is pressed onto the support surface (22; 28).
10. The gas bag module according to Claim 8, characterized in that the sealing element (32) is fastened on one side of the mounting flange (20).
11. The gas bag module according to Claim 8, characterized in that the sealing element (32) is fastened on the support surface (28).
12. The gas bag module according to Claim 8, characterized in that the sealing element (32) is an encircling sealing element, in particular a sealing ring.
13. The gas bag module according to Claim 8, characterized in that several segments (24) of an elastically deformable material are provided, distributed over the periphery of the gas generator (12), which are fastened directly or indirectly to the gas generator (12) and to the generator carrier (16) and by which the gas generator (12) is at least partially supported in the gas bag module.